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00	AA1	5,087,616	02/11/92	Myers et al.		514	21	08/06/87	
7	AB1	5,116,964	05/26/92	Capon <u>et al.</u>		536	27	11/22/89	
1	AC1	5,166,320	11/24/92	Wu <u>et al.</u>		530	395	04/02/90	
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119	AL1	WO 88/05077	07/14/88	PCT					
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£E	AR 1	Capon <u>et al.</u> , Des	igning CD4	immunoadhesins for AIDS th	erapy,	Nature	<u>337</u> :525-5	31 (1989)	
1	AS 1	Cotten <u>et al.</u> , Tr	ansferrin-	polycation-mediated introdu	ction	of DNA	into human	leukemic c	ells: Stimu-
		lation by agents	that affec	t the survival of transfect	ed DNA	or,	PNAS USA	<u>87</u> :4033-403	7 (1990)
	AT 1	Derwent English abstract for Japanese patent document J63269985							
									
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. 0652.1080000/RWE 07/946,498 (Rev. 2-32) PATENT AND TRADEMARK OFFICE **APPLICANT** INFORMATION DISCLOSURE STATEMENT BY APPLICANT Birnstiel et al. (Use several sheets if necessary) FILING DATE **GROUP** November 9, 1992 U.S. PATENT DOCUMENTS FILING DATE **EXAMINER** SUBCLASS NAME CLASS IF APPROPRIATE INITIAL DOCUMENT NUMBER DATE AA AC AD AE AF AG AH IA AJ AK FOREIGN PATENT DOCUMENTS TRANSLATION SUBCLASS DOCUMENT NUMBER DATE COUNTRY CLASS NO YES AL2 EP 0 388 758 09/26/90 Europe 11/28/91 PCT AM2 WO 91/17761 AN2 WO 92/05250 04/02/92 PCT 04/16/92 PCT **SOA** WO 92/06180 AP OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) International Search Report from International Publication No. WO 91/17773 AS 2 Stavridis et al., Use of Transferrin As A Gene-Carrier To The Erythroid Cells Of The Marrow, Cellular & Molecular Biology 28(1):15-18 (1982) Wagner et al., Transferrin-polycation conjugates as carriers for DNA uptake into cells, <u>Proc. Natl.</u> Acad. Sci. JUSA 87:3410-3414 (1990) EXAMINER sonscheuk DATE CONSIDERED

Examiner: /Initial if citation considered,/whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet <u>3</u> of <u>5</u> SERIAL NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. (Rev. 2-32) PATENT AND TRADEMARK OFFICE 0652.1080000/RWE 07/946,498 INFORMATION DISCLOSURE APPLICANT STATEMENT BY APPLICANT Birnstiel et al. **GROUP** (Use several sheets if necessary) FILING DATE November 9, 1992 U.S. PATENT DOCUMENTS **EXAMINER** FILING DATE DOCUMENT NUMBER IF APPROPRIATE INITIAL DATE NAME CLASS **SUBCLASS** AB AK FOREIGN PATENT DOCUMENTS TRANSLATION CLASS DOCUMENT NUMBER DATE COUNTRY SUBCLASS YES NO AM AN AO AP OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) AR 3 Wagner et al., Transferrin-polycation-DNA complexes: The effect of polycations on the structure of the complex and DNA delivery to cells, Proc. Natl. Acad. Sci. USA 88:4255-4259 (1991) AS 3 Wagner et al., DNA-Binding Transferrin Conjugates as Functional Gene-Delivery Agents: Synthesis by Linkage of Polylysine or Ethidium Homodimer to the ..., <u>Bioconjugate Chemistry</u> 2:226-231 (1991) AT 3 Wienhues et al., Laboratory Methods, A Novel Method for Transfection and Expression of Reconstituted DNA-Protein Complexes in Eukaryotic Cells, <u>DNA 6(1):81-89 (1987)</u> EXAMINER DATE CONSIDERED

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		Chemistry 263(29	(29):14621-14624 (1988)						
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1		of Biological Chemistry 262(10):4429-4432 (1987)							

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Wu et al., Delivery systems for gene therapy, Biotherapy 3:87-95 (1991)

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Do	AR 5	Zamecnik <u>et al.</u>	Inhibition	of replication and expre	ssion of human i	-cell lymp	hotropic vi	rus type III			
TU		in cultured cell	s by exogen	ous synthetic oligonucleot	ides complement	ary, PNA	S USA 83:4	143-4146 (1986 			
	AS 5	Zenke <u>et al.</u> , Re	Zenke <u>et al.</u> , Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way								
		to introduce DNA	into hemat	opoietic cells, <u>Proc. Nat</u>	L. Acad. Sci. U	<u>87:3655-</u>	3659 (1990)) 			
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V		5(9):539-549 (1988)									
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